Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

| Sheet | 1 | of | 1 |

Complete if Known	
Application Number	09/886,479
Filing Date	June 20, 2001
First Named Inventor	Kenneth Hines
Art Unit	2126
Examiner Name	Lewis A. Bullock, Jr.
Attorney Docket Number	42390P18907

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	Document Number Number - Kind Code² (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
[init]	1	US-5095421	03-10-1992	FREUND	
[init]	2	US-5596750	01-21-1997	LI et al	
[init]	3	US-5941945	08-24-1999	ADITHAM et al	
[init]	4	US-6192419	02-20-2001	ADITHAM et al	
[init]	5	US-6317773	11-13-2001	COBB et al	
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Examiner Initials*	Cite No.¹	Foreign Patent Document Country Code³ - Number⁴ - Kind Code⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁶

| Examiner Signature | *[signature] G. Bullock* | Date Considered | 4/14/05 |

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	2

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(init)	1	US-4965743	10-23-1990	MALIN et al	
(init)	2	US-5694539	12-02-1997	HALEY et al	
(init)	3	US-5790778	08-04-1998	BUSH et al	
(init)	4	US-5980096	11-09-1999	THALHAMMER-REYERO	
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(init)	9	US-2002/0078431	06-20-2002	REPS	
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¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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First Named Inventor	Kenneth Hines
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Examiner Name	Lewis A. Bullock, Jr.
Attorney Docket Number	42390P18907

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
_/fs_	10	BALL - DATA ACCESS AND TRANSPORTATION SERVICES FOR THE CORBA ENVIRONMENT	
/cfs	11	BRUNNER - An object oriented approach to astronomical databases	
_/fs_	12	HARTER et al 1985 - IDD an interactive distributed debugger	
_/fs_	13	KUNZ et al - Poet Target system independent visualizations to complex distributed executions	
_/fr_	14	NETZER et al 1993 - Adaptive message logging for incremental program replay	
_/fr_	15	NEWMAN - Managing CORBA method servers: Part I of systems management of the distributed object environment	

Examiner Signature	_L. G. Bullock Jr_	Date Considered	4/15/05

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Reference No.	Application Serial No.	Patent No.	Title
1	09/885,456		SYSTEM AND METHOD FOR DEBUGGING DISTRIBUTED SOFTWARE ENVIRONMENTS
2	EP 01950355.6		SYSTEM AND METHOD FOR COORDINATION CENTRIC DESING OF SOFTWARE SYSTEMS
3	EP 01948620.8		EVOLUTION DIAGRAMS FOR DEBUGGED DISTRIBUTED EMBEDDED SOFTWARE APPLICATIONS
4	EP 01948638.0		DATA STRUCTURE AND METHOD FOR DETECTING CONSTRAINT CONFLICTS IN COORDINATION CENTRIC SOFTWARE SYSTEMS
5	09/886,479		COORDINATION-CENTRIC FRAMEWORK FOR SOFTWARE DESIGN IN A DISTRIBUTED ENVIRONMENT
6	PCT US01/20071		SYSTEM AND METHOD FOR COORDINATION CENTRIC DESING OF SOFTWARE SYSTEMS
7	PCT US01/19735		EVOLUTION DIAGRAMS FOR DEBUGGED DISTRIBUTED EMBEDDED SOFTWARE APPLICATIONS
8	WO 02/073402A1		COORDINATION SYNTHESIS FOR SOFTWARE SYSTEMS
9	PCT US01/22031		DATA STRUCTURE AND METHOD FOR DETECTING CONSTRAINT CONFLICTS IN COORDINATION-CENTRIC SOFTWARE SYSTEMS
10	PCT US01/19735		EVOLUTION DIAGRAMS FOR DEBUGGING DISTRIBUTED EMBEDDED SOFTWARE APPLICATIONS

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10	PCT US01/19735		EVOLUTION DIAGRAMS FOR DEBUGGING DISTRIBUTED EMBEDDED SOFTWARE APPLICATIONS
11	09/881391		SYSTEM AND METHOD FOR COORDINATION CENTRIC DESIGN OF SOFTWARE SYSTEMS
12	09/888,061		EVOLUTION DIAGRAMS FOR DEBUGGED DISTRIBUTED EMBEDDED SOFTWARE APPLICATIONS
13	09/885,448		BEHAVIORAL ABSTRACTIONS FOR DEBUGGING COORDINATION-CENTRIC SOFTWARE DESIGNS
14	09/886,459		DATA STRUCTURE AND METHOD FOR DETECTING CONSTRAINT CONFLICTS IN COORDINATION-CONTRIC SOFTWARE SYSTEMS
15	09/888,082		DYNAMIC CONTROL GRAPHS FOR ANALYSIS OF COORDINATION-CENTRIC SOFTWARE DESIGNS
16	10/040,971		COORDINATION SYNTHESIS FOR SOFTWARE SYSTEMS

4/15/05

09/886,479

Reference No.	Application Serial No.	Patent No.	Title
1	09/866,479 09/886,479		COORDINATION-CENTRIC FRAMEWORK FOR SOFTWARE DESIGN IN A DISTRIBUTED ENVIRONMENT
2	09/881391		SYSTEM AND METHOD FOR COORDINATION CENTRIC DESIGN OF SOFTWARE SYSTEMS
3	09/888,061		EVOLUTION DIAGRAMS FOR DEBUGGED DISTRIBUTED EMBEDDED SOFTWARE APPLICATIONS
4	09/885,448		BEHAVIORAL ABSTRACTIONS FOR DEBUGGING COORDINATION-CENTRIC SOFTWARE DESIGNS
5	09/886,459		DATA STRUCTURE AND METHOD FOR DETECTING CONSTRAINT CONFLICTS IN COORDINATION-CONTRIC SOFTWARE SYSTEMS
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4/15/05

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** *(Use as many sheets as necessary)*	*Complete if Known*	
	Application Number	09/886,479
	Filing Date	June 20, 2001
	First Named Inventor	HINES, Kenneth
	Group Art Unit	2122
	Examiner Name	Unknown
Sheet 1 of 2	**Attorney Docket No: 42P18907**	

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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No [1]	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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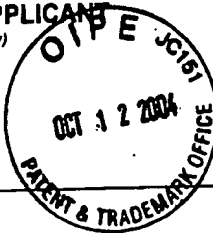| **EXAMINER** *[signature]*	**DATE CONSIDERED** 4/15/05

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known	
Application Number	09/886,479
Filing Date	June 20, 2001
First Named Inventor	HINES, Kenneth
Group Art Unit	2122
Examiner Name	Unknown
Attorney Docket No: 42P18907	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

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EXAMINER _G Bullock_ DATE CONSIDERED 4/15/05

FORM PTO-1449 OCT 1 1 2001		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 10488/15:1	APPLICATION NO. 09/886,479
(REV. 7-80)				

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	APPLICANT Kenneth J. Hines

	FILING DATE June 20, 2001	GROUP 2122

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Jab	AA	6 0 5 2 5 2 7	4/18/00	Delcourt et al.	395	705	
Jab	AB	5 9 2 0 7 1 7	7/06/99	Noda	395	701	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (several sheets if necessary)	ATTY. DOCKET NO. 10488/15:1	APPLICATION NO. 09/886,479
		APPLICANT Kenneth J. Hines	
		FILING DATE June 20, 2001	GROUP 2122
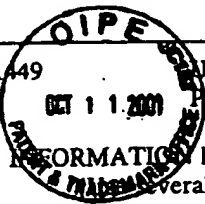
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

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FORM PTO-1449
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.
10488/15:1	09/886,479

APPLICANT	**RECEIVED**
Kenneth J. Hines	JAN 0 4 2002

FILING DATE	GROUP
June 20, 2001	Technology Center 2100

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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EXAMINER *A. Bullah Jr*	DATE CONSIDERED 8/5/04

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FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 10488/15:1	APPLICATION NO. 09/886,479
INFORMATION DISCLOSURE CITATION (Uses several sheets if necessary)		APPLICANT: Kenneth J. Hines	
		FILING DATE: June 20, 2001	GROUP: 2122

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	AL					9		
	AM							
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JaB	AT	Object Management Group, "The Common Object Request Broker: Architecture and Specification," *CORBA Overview,* July 1995, pages 2-1-2-17, 4-1-4-6, 6-2-6-5.

EXAMINER _[signature]_   DATE CONSIDERED 8/5/04

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		FILING DATE June 20, 2001	GROUP 2122

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✓	AA	5 4 2 8 7 8 2	6/27/95	White	395	650	
✓	AB	5 6 4 2 4 7 8	6/24/97	Chen, et al.	395	183.21	
✓	AC	5 7 2 4 5 0 8	3/3/98	Harple, Jr. et al.	395	200.04	
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
✓	AL	EP 0 881 568 A2	29.05.1998	Europe	G06F	9/46		
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✓	AR	Ken Hines and Gaetano Borriello, "Debugging Distributed Implementations of Modal Process Systems".
✓	AS	Pai Chou, Ken Hines, Kurt Partridge and Gaetano Borriello, "Control Generation for Embedded Systems Based on Composition of Modal Processes," pp. 46-53.
✓	AT	Pai H. Chou and Gaetano Borriello, "Synthesis and Optimization of Coordination Controllers for Distributed Embedded Systems," pp. 410-415.

EXAMINER		DATE CONSIDERED 8-5604

EXAMINER: Initial if reference considered, whether or not citation is in conformation with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

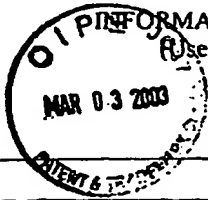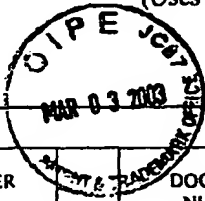| FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 10488/15:1	APPLICATION NO. 09/886,479

INFORMATION DISCLOSURE CITATION
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APPLICANT
Kenneth J. Hines

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JaB	AR	Anderson, Richard J., et al., "Model Checking Large Software Specifications," Department of Computer Science and Engineering, University of Washington (1996 ACM 0-89791-797-9/96/0010), pp. 156-166.
JaB	AS	Christopher B. Borchert, "Organization and Management of Distributed Execution Event Histories For Real-Time Debugging," *IEEE*, pp. 343-345.
JaB	AT	Mariano P. Consens, Masum Z. Hasan, Alberto O. Mendelzon, "Visualizing and Querying Distributed Event Traces with Hy+," *Computer Systems Research Institute, University of Toronto*, June 1994, pp. 123-141.

EXAMINER _____ | DATE CONSIDERED 8-5-04

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JaB	AS	Jaffe, Matthew S., et al., "Software Requirements Analysis for Real-Time Process-Control Systems," 8198 IEEE Transactions on Software Engineering, 17 (1991) March, No. 3, New York, U.S., pp. 241-257.
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Jas	AR	Doug Kimelman and Dror Zernik, "On-the-Fly Topological Sort – A Basis for Interactive Debugging and Live Visualization of Parallel Programs," *8398 ACM Sigplan Notices*, December 28, 1993, No. 12, New York, US, pp. 12-20.
Jas	AS	Mikhail Auguston, "Building Program Behavior Models," *Dept. of Computer Science, New Mexico State University*, pp. 19-26.
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